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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 29/05/2023

Lab ID	:	**CP-2023-10-26-09**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	24-05-23
Customer ID	:	Basement Copping Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	29/05/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Basement Copping Concrete	M15	22/05/2023	29/05/2023	150.98 X 150.16 X 150.81	22671	8.576	247.9	10.9	10.6
2	Basement Copping Concrete	M15	22/05/2023	29/05/2023	150.21 X 150.20 X 150.83	22561	8.998	242.4	10.7	
3	Basement Copping Concrete	M15	22/05/2023	29/05/2023	150.47 X 150.12 X 150.00	22590	8.657	227.2	10.1	

* The results obtained are satisfactory as per standard requirements.

Note:

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Authorized Signatory
Technical Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 19/06/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	24-05-23
Customer ID	:	Basement Copping Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	19/06/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Basement Copping Concrete	M15	22/05/2023	19/06/2023	150.81 X 150.90 X 150.54	22757	8.579	407.4	17.9	17.6
2	Basement Copping Concrete	M15	22/05/2023	19/06/2023	150.86 X 150.82 X 150.07	22753	8.325	393.4	17.3	
3	Basement Copping Concrete	M15	22/05/2023	19/06/2023	150.99 X 150.60 X 150.80	22739	8.896	397.9	17.5	

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Format No: CP/TF/01

TEST REPORT OF FINE AGGREGATE

Date: 22-02-23

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-02-23
Sample Type	:	Fine Aggregate
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2021 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	20-02-23
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	78	78	7.8	92.2	90-100	90-100	90-100	95-100
3	2.36 mm	65	143	14.3	85.7	60-95	75-100	85-100	95-100
4	1.18 mm	244	387	38.7	61.3	30-70	55-90	75-100	90-100
5	600 micron	215	602	60.2	39.8	15-34	35-59	60-79	80-100
6	300 micron	178	780	78.0	22.0	5-20	8-30	12-40	15-50
7	150 micron	141	921	92.1	7.9	0-10	0-10	0-10	0-15
8	Pan	79	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

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R. Rechan

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TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2023-10-26-09

Date: 22-02-23

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.5	–
2	Specific Gravity	2.59	–
3	Material finer than 75 micron(%)	7.9	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2023-10-26-09** **Date: 22-02-23**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-02-23
Sample Type/ Size	:	20mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2021 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	20-02-23

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	240	240	4.8	95.2	90-100
3	10 mm	2567	2807	56.1	43.9	25-55
4	4.75 mm	2030	4837	96.7	3.3	0-10
5	Pan	163	5000	100	0	–

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TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2023-10-26-09 **Date: 22-02-23**

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	9.8	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	10.3	
3	Specific Gravity	2.65	–
4	Bulk Density(Loose) (Kg/l)	1.5	–
5	Bulk Density(Compacted) (Kg/l)	1.52	–
6	Water Absorption(%)	0.23	–
7	Aggregate crushing Value(%)	22.7	Max 30% for Aggregates to be used in concrete for wearing Surface, In case Aggregate Crushing Value Exceeds 30% then the test for ten percent fines should be conducted for Aggregates to be used in concrete other than for wearing Surface.
8	Aggregate Impact Value(%)	24.6	30% for Aggregates to be used in concrete for wearing Surface, 45% for Aggregates to be used in concrete other than for wearing Surface.

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT ON COARSE AGGREGATES

Lab ID	:	CP-2023-10-26-09 **Date: 23-02-23**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample condition	:	Satisfactory
Date of Receipt	:	20-02-23
Sample Type	:	40mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2021 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	20-02-23

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 15000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	218	218	1.5	98.5	90-100
3	20 mm	7289	7507	50.0	50.0	30-70
4	10 mm	5102	12609	84.1	15.9	10-35
5	4.75 mm	2185	14794	98.6	1.4	0-5
6	Pan	206	15000	100.0	0	---

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TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2023-10-26-09

Date: 23-02-23

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	11.8	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	12.5	
3	Specific Gravity	2.62	–
4	Bulk Density(Loose) (Kg/l)	1.48	–
5	Bulk Density(Compacted) (Kg/l)	1.51	–
6	Water Absorption(%)	0.18	–

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Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	**CP-2023-10-26-09** **Date: 23-02-23**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town ,
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-02-23
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 269:2015 Ordinary Portland cement Specification , IS 4031 (Part 4,5):1988 IS 4031 Part 1 (RA 2021) DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4 IS 4031 Part 2, (RA 2018) Determination of Fineness by Blaine Air Permeability Method, Clause 5 IS 4031 Part 3, (RA 2019) Determination of Soundness, Clause 5, Clause 6 IS 4031 Part 4, (RA 2019) Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 5, (RA 2019) Determination of Initial & Final Setting Time, Clause 5 IS 4031 Part 11, (RA 2019)DETERMINATION OF DENSITY , Clause 6
Date of test	:	21-02-23
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Sl.No.	Physical properties	Results	Requirement as per IS 269:2015
1	Fineness by dry sieving (%)	1.75	–
2	Finess by Air permeablity method (m^2/kg,Min)	281.4	225m^2/kg, Min
3	Density (gm/cc)	3.14	–
4	Standard Consistency (%)	29.5%	Not specified
5	Initial Setting time	155 minutes	Not less than 30 minutes
6	Final Setting time	285 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	2mm	Not more than 10 mm

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TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Date: 21-03-23

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-02-23
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 269 2015 Ordinary Portland cement Specification , IS 4031 (Part 4,5):1988 IS 4031 Part 4, (RA 2019) Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 6, (RA 2019) Determination of Compressive Strength, Clause 6
Date of test	:	21-02-23
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Compressive Strength

Sl.No.	Physical properties	Results	Requirement as per IS 269:2015
1	3 Days	28.5N/mm^2	Not less than 27 N/mm^2
2	7 Days	39.0N/mm^2	Not less than 37 N/mm^2
3	28 Days	58.5N/mm^2	Not less than 53 N/mm^2

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2023-10-26-09 **Date: 04/03/2023**

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division

Agency : SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064

Customer's Reference : BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 27-02-23

Customer ID : Footing Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/03/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Footing Concrete	M25	25/02/2023	04/03/2023	150.81 X 150.32 X 150.96	22669	8.523	414.4	18.3	18.2
2	Footing Concrete	M25	25/02/2023	04/03/2023	150.95 X 150.15 X 150.74	22665	8.422	412.6	18.2	
3	Footing Concrete	M25	25/02/2023	04/03/2023	150.27 X 150.24 X 150.17	22577	8.865	408.6	18.1	

* The results obtained are satisfactory as per standard requirements.

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 25/03/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-02-23
Customer ID	:	Footing Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	25/03/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Footing Concrete	M25	25/02/2023	25/03/2023	150.24 X 150.94 X 150.27	22678	8.872	652.4	28.8	28.6
2	Footing Concrete	M25	25/02/2023	25/03/2023	150.79 X 150.35 X 150.22	22671	8.417	637.2	28.1	
3	Footing Concrete	M25	25/02/2023	25/03/2023	150.31 X 150.72 X 150.82	22655	8.276	652.6	28.8	

* The results obtained are satisfactory as per standard requirements

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2023-10-26-09 **Date: 07/03/2023**

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division

Agency : SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064

Customer's Reference : BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 02-03-23

Customer ID : Pedestal Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 07/03/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Pedestal Concrete	M25	28/02/2023	07/03/2023	150.29 X 150.58 X 150.80	22630	8.776	404.0	17.9	17.8
2	Pedestal Concrete	M25	28/02/2023	07/03/2023	150.31 X 150.60 X 150.04	22637	8.877	403.9	17.8	
3	Pedestal Concrete	M25	28/02/2023	07/03/2023	150.82 X 150.02 X 150.27	22626	8.785	400.5	17.7	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2023-10-26-09 **Date: 13/04/2023**

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division

Agency : SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064

Customer's Reference : BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 18-03-23

Customer ID : Plinth Beam Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 13/04/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M25	16/03/2023	13/04/2023	150.04 X 150.48 X 150.59	22577	8.822	645.5	28.6	28.8
2	Plinth Beam Concrete	M25	16/03/2023	13/04/2023	150.94 X 150.13 X 150.96	22662	8.961	653.9	28.9	
3	Plinth Beam Concrete	M25	16/03/2023	13/04/2023	150.44 X 150.06 X 150.12	22574	8.313	650.9	28.8	

* The results obtained are satisfactory as per standard requirements.

Note:

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 23/03/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-03-23
Customer ID	:	Plinth Beam Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	23/03/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M25	16/03/2023	23/03/2023	150.70 X 150.32 X 150.47	22654	8.146	412.3	18.2	18.0
2	Plinth Beam Concrete	M25	16/03/2023	23/03/2023	150.30 X 150.61 X 150.29	22637	8.118	412.5	18.2	
3	Plinth Beam Concrete	M25	16/03/2023	23/03/2023	150.59 X 150.00 X 150.86	22589	8.623	399.8	17.7	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 13/04/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-03-23
Customer ID	:	Plinth Beam Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	13/04/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M25	16/03/2023	13/04/2023	150.58 X 150.89 X 150.39	22721	8.520	641.4	28.2	28.6
2	Plinth Beam Concrete	M25	16/03/2023	13/04/2023	150.44 X 150.46 X 150.83	22635	8.154	655.6	29.0	
3	Plinth Beam Concrete	M25	16/03/2023	13/04/2023	150.39 X 150.55 X 150.22	22642	8.292	648.4	28.6	

• The results obtained are satisfactory as per standard requirements.

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Lab ID : **CP-2023-10-26-09** **Date: 05-04-23**

COMPRESSIVE STRENGTH:

Sl. No.	Size of solid block		Area	Failure Load	Compressive strength	Average Compressive strength
	Length	Breadth				
	mm	mm	(mm^2)	(KN)	N/mm^2	(N/mm^2)
1	400	202	80841	368.2	4.6	4.4
2	403	200	80642	362.3	4.5	
3	402	202	81433	354.8	4.4	
4	403	202	81410	352.7	4.3	
5	400	203	81094	351.8	4.3	
6	402	201	80690	342.0	4.2	
7	403	199	80329	336.8	4.2	
8	401	201	80504	362.9	4.5	

As per IS Requirements (Table 2, Clause 5.1, 5.2 and 9.4)

Compressive strength		
Grade	**Minimum average**	**Minimum Individual units.**
C (5.0)	5.00 N/mm^2	4.00 N/mm^2
C (4.0)	4.00 N/mm^2	3.20 N/mm^2

* The Results Obtained are Satisfactory as per Standard Requirements

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Lab ID : **CP-2023-10-26-09** **Date: 05-04-23**

DIMENSION ANALYSIS

Sl.no	Length mm	Breadth mm	Height mm	Requirement as per IS 2185(Part 1):2005
1	404	153	203	
2	403	152	199	
3	402	152	201	
4	402	151	202	
5	400	150	202	
6	401	153	202	
7	401	151	201	
8	402	149	201	
9	403	149	203	
10	403	153	201	
11	402	151	203	
12	402	151	201	
13	400	153	201	
14	401	150	201	
15	401	151	200	
16	400	151	202	
17	399	152	202	
18	401	152	200	
19	400	150	201	
20	400	149	201	
Average of 20	401	151	201	

Length : ± 5mm
Breadth : ± 3mm
Height : ± 3mm

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Lab ID : CP-2023-10-26-09

Date: 05-04-23

COMPRESSIVE STRENGTH:

Sl. No.	Size of solid block		Area	Failure Load	Compressive strength	Average Compressive strength
	Length	Breadth				
	mm	mm	(mm^2)	(KN)	N/mm^2	(N/mm^2)
1	400	153	61019	252.4	4.1	4.3
2	403	152	61189	270.6	4.4	
3	402	152	61266	245.9	4.0	
4	402	151	60580	267.0	4.4	
5	400	150	59844	253.3	4.2	
6	401	153	61176	251.6	4.1	
7	401	151	60374	266.3	4.4	
8	402	149	59970	264.3	4.4	

As per IS Requirements (Table 2, Clause 5.1, 5.2 and 9.4)

Compressive strength		
Grade	Minimum average	Minimum Individual units.
C (5.0)	5.00 N/mm^2	4.00 N/mm^2
C (4.0)	4.00 N/mm^2	3.20 N/mm^2

* The Results Obtained are Satisfactory as per Standard Requirements

Note:

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Format No: CP/TF/01

TEST REPORT ON PHYSICAL REQUIREMENTS OF SOLID CONCRETE BLOCKS

Lab ID	:	CP-2023-10-26-09 **Date: 05-04-23**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	01-04-23
Sample Type/Size	:	Solid concrete blocks size (400X100X200)mm
Reference to BIS codes	:	IS : 2185 (Part 1) : 2005(RA 2020) Concrete Masonry Specification Part 1:Hollow and Solid Concrete Blocks (Dimensions -Annex-B, Clause 9.2 and 10 , Block density Annex -C Clause 9.3 and10, Compressive strength Annex -D Clause 9.4 and 10, Water absorption Annex -E Clause 9.5 and 10)
Date of test	:	01-04-23

BLOCK DENSITY:

Sl. No.	Measurement of overall Dimensions of Individual Blocks			Overall Volume of the Block in Cubic Centimetres	Weight of Oven Dried Block in Kilograms to the nearest 10 Gram	Block Density in Kg/cum*10^6	Avg.Block Density in (Kg/cum)	As per IS 2185(Part 1) :2005 (RA 2010)
	Length	Breadth	Height					
	mm	mm	mm	(Cm^3)	Kg	Kg/m^3	Kg/m^3	
1	400	99	198	7841	16.216	2068.2	2135.0	Not less than 1800Kg/m^3
2	399	100	198	7900	17.587	2226.2		
3	402	103	200	8281	17.478	2110.6		

WATER ABSORPTION:

Sl. No.	Wet weight after water absorption	Dry weight (Oven dry)	Water Absorption	Avg.Water Absorption	As per IS 2185(Part 1):2005 (RA 2010)
	kg	kg	%	%	
1	18.91	17.99	4.89	4.25	Shall not be more than 10% by mass
2	19.57	18.74	4.28		
3	18.94	18.26	3.59		

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Date: 05-04-23

Lab ID : CP-2023-10-26-09

COMPRESSIVE STRENGTH:

Sl. No.	Size of solid block		Area	Failure Load	Compressive strength	Average Compressive strength
	Length	Breadth				
	mm	mm	(mm^2)	(KN)	N/mm^2	(N/mm^2)
1	400	99	39683	173.9	4.4	4.3
2	402	103	41303	177.7	4.3	
3	399	102	40870	158.6	3.9	
4	402	101	40597	165.9	4.1	
5	403	102	41241	184.8	4.5	
6	399	102	40586	183.2	4.5	
7	403	101	40766	184.6	4.5	
8	402	100	40235	169.4	4.2	

As per IS Requirements (Table 2, Clause 5.1, 5.2 and 9.4)

Compressive strength		
Grade	Minimum average	Minimum Individual units.
C (5.0)	5.00 N/mm^2	4.00 N/mm^2
C (4.0)	4.00 N/mm^2	3.20 N/mm^2

* The Results Obtained are Satisfactory as per Standard Requirements

Note:

The results pertain to the samples received and tested.

All information furnished by Agency/Representative

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Format No. CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2023-10-26-09** . **Date: 03/04/2023**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	29-03-23
Customer ID	:	GF Column Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	03/04/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Column Concrete	M25	27/03/2023	03/04/2023	150.78 X 150.57 X 150.52	22703	8.504	398.7	17.6	17.9
2	GF Column Concrete	M25	27/03/2023	03/04/2023	150.42 X 150.89 X 150.64	22697	8.180	417.5	18.4	
3	GF Column Concrete	M25	27/03/2023	03/04/2023	150.73 X 150.18 X 150.73	22636	8.935	401.3	17.7	

* The results obtained are satisfactory as per standard requirements

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Authorized Signatory
Technical Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2023-10-26-09	Date: 24/04/2023
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.	
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore	
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division	
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064	
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	29-03-23	
Customer ID	:	GF Column Concrete	
Sample Type /Size	:	150X150X150 mm	
Sample grade/Age	:	M25 / 28 Days Compressive Strength	
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5	
Date of test	:	24/04/2023	

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Column Concrete	M25	27/03/2023	24/04/2023	150.80 X 150.00 X 150.77	22621	8.118	655.9	29.0	28.7
2	GF Column Concrete	M25	27/03/2023	24/04/2023	150.20 X 150.53 X 150.08	22610	8.250	649.9	28.7	
3	GF Column Concrete	M25	27/03/2023	24/04/2023	150.09 X 150.61 X 150.84	22606	8.421	639.8	28.3	

* The results obtained are satisfactory as per standard requirements.

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/04/2023

Lab ID	:	**CP-2023-10-26-09**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-04-23
Customer ID	:	GF Lintel Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	18/04/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Lintel Concrete	M25	11/04/2023	18/04/2023	150.05 X 150.59 X 150.76	22596	8.530	400.6	17.7	18.1
2	GF Lintel Concrete	M25	11/04/2023	18/04/2023	150.05 X 150.19 X 150.88	22535	8.167	416.0	18.5	
3	GF Lintel Concrete	M25	11/04/2023	18/04/2023	150.55 X 150.13 X 150.07	22603	8.860	410.0	18.1	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 09/05/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-04-23
Customer ID	:	GF Lintel Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	09/05/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Lintel Concrete	M25	11/04/2023	09/05/2023	150.24 X 150.69 X 150.99	22639	8.851	648.2	28.6	28.5
2	GF Lintel Concrete	M25	11/04/2023	09/05/2023	150.87 X 150.14 X 150.77	22652	8.980	644.5	28.5	
3	GF Lintel Concrete	M25	11/04/2023	09/05/2023	150.44 X 150.78 X 150.82	22684	8.799	647.1	28.5	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/04/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-04-23
Customer ID	:	GF Chejja Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	18/04/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Chejja Concrete	M25	11/04/2023	18/04/2023	150.51 X 150.45 X 150.02	22644	8.289	416.7	18.4	18.1
2	GF Chejja Concrete	M25	11/04/2023	18/04/2023	150.44 X 150.04 X 150.30	22571	8.984	395.2	17.5	
3	GF Chejja Concrete	M25	11/04/2023	18/04/2023	150.63 X 150.25 X 150.13	22632	8.303	415.1	18.3	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 09/05/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-04-23
Customer ID	:	GF Chejja Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	09/05/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Chejja Concrete	M25	11/04/2023	09/05/2023	150.95 X 150.88 X 150.93	22775	8.449	655.7	28.8	28.7
2	GF Chejja Concrete	M25	11/04/2023	09/05/2023	150.15 X 150.98 X 150.29	22671	8.337	656.4	29.0	
3	GF Chejja Concrete	M25	11/04/2023	09/05/2023	150.66 X 150 02 X 150.49	22602	8.165	644.1	28.5	

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TEST REPORT OF CERAMIC TILES

Date: 05-05-23

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	29-04-23
Sample Type/ Size	:	Ceramic tiles (300X300)mm
Reference to BIS codes	:	IS 13630 (part 1) : 2019, IS 15622:2018
Date of test	:	29-04-23

MEASUREMENTS OF LENGTH, WIDTH AND THICKNESS

Number Of Specimen	Length measured at position 5mm from the corner		Breadth measured at position 5mm from the corner		Thickness measured at thickest part, 4 diagonal segment			
	1	2	1	2	1	2	3	4
1	300	300	300	300	6.04	6.01	6.08	6.04
2	300	300	300	300	6.01	6.07	6.01	6.01
3	300	300	300	300	6.03	6.05	6.06	6.03
4	300	300	300	300	6.06	6.05	6.08	6.06
5	300	300	300	300	6.08	6.06	6.05	6.08
6	300	300	300	300	6.03	6.07	6.07	6.07
7	300	300	300	300	6.08	6.05	6.08	6.07
8	300	300	300	300	6.02	6.05	6.04	6.05
9	300	300	300	300	6.04	6.04	6.02	6.04
10	300	300	300	300	6.04	6.01	6.05	6.04
Average	300		300		6.05			

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TEST REPORT OF CERAMIC TILES

WATER ABSORPTION

Sl.no	Weight of oven dry sample	Saturated weight of sample	Water absorption by mass	Average value of water absorption
1	1406	1455	3.49	2.85
2	1424	1464	2.81	
3	1464	1498	2.32	
4	1408	1454	3.27	
5	1434	1468	2.37	

MODULUS OF RUPTURE AND BREAKING STRENGTH

Sl.No

Sl.No.	Dimension (mm)			Wet Transverse Strength	Average
	L	B	T	(N/mm^2)	(N/mm^2)
1	300	300	6.04	14.8	14.7
2	300	300	6.06	14.2	
3	300	300	6.02	14.9	
4	300	300	6.06	14.8	
5	300	300	6.05	14.6	

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Technical Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2023-10-26-09	Date: 03/05/2023
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.	
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.	
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division	
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064	
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	28-04-23	
Customer ID	:	GF Slab Concrete	
Sample Type /Size	:	150X150X150 mm	
Sample grade/Age	:	M25 / 7 Days Compressive Strength	
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5	
Date of test	:	03/05/2023	

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Slab Concrete	M25	26/04/2023	03/05/2023	150.54 X 150.60 X 150.24	22670	8.664	402.0	17.7	17.8
2	GF Slab Concrete	M25	26/04/2023	03/05/2023	150.60 X 150.57 X 150.29	22677	8.586	406.6	17.9	
3	GF Slab Concrete	M25	26/04/2023	03/05/2023	150.55 X 150.89 X 150.26	22716	8.602	399.7	17.6	

* The results obtained are satisfactory as per standard requirements.

Note:

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Technical Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 24/05/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-04-23
Customer ID	:	GF Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	24/05/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Slab Concrete	M25	26/04/2023	24/05/2023	150.33 X 150.16 X 150.80	22573	8.669	633.8	28.1	28.5
2	GF Slab Concrete	M25	26/04/2023	24/05/2023	150.27 X 150.06 X 150.65	22550	8.877	648.5	28.8	
3	GF Slab Concrete	M25	26/04/2023	24/05/2023	150.48 X 150.19 X 150.72	22601	8.614	650.6	28.8	

* The results obtained are satisfactory as per standard requirements.

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Technical Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 03/05/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-04-23
Customer ID	:	GF Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	03/05/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Slab Concrete	M25	26/04/2023	03/05/2023	150.67 X 150.80 X 150.27	22721	8.218	401.2	17.7	17.8
2	GF Slab Concrete	M25	26/04/2023	03/05/2023	150.24 X 150.59 X 150.31	22625	8.527	409.9	18.1	
3	GF Slab Concrete	M25	26/04/2023	03/05/2023	150.28 X 150.48 X 150.46	22614	8.300	397.7	17.6	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 24/05/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-04-23
Customer ID	:	GF Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	24/05/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Slab Concrete	M25	26/04/2023	24/05/2023	150.69 X 150.49 X 150.36	22677	8.600	649.0	28.6	28.8
2	GF Slab Concrete	M25	26/04/2023	24/05/2023	150.69 X 150.02 X 151.00	22606	8.994	654.6	29.0	
3	GF Slab Concrete	M25	26/04/2023	24/05/2023	150.98 X 150.78 X 150.52	22766	8.764	655.4	28.8	

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Format No: CP/TF/2017

TEST REPORT FOR SAND MASONRY MORTARS

Lab ID	:	CP-2023-10-26-09 **Date: 09-05-23**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore - 560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-05-23
Sample Type	:	Fine Aggregate, M.Sand for Mortar
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2116-1980 (RA-2007) (Specification for Sand for Masonry Mortars) IS: 2386 :1963(Part - 1, 3) RA2021 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	06-05-23
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS: 2116-1980 (RA-2007)
1	4.75 mm	0	0	0	100	100
2	2.36 mm	85	85	8.5	91.5	90-100
3	1.18 mm	200	285	28.5	71.5	70-100
4	600 micron	146	431	43.1	56.9	40-100
5	300 micron	116.5	547.5	54.8	45.3	5-70
6	150 micron	412.5	960	96.0	4.0	0-15
7	Pan	40	1000	100.0	0.0	0

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Format No: CP/TF/2017

TEST REPORT FOR PLASTER SAND

Lab ID	:	**CP-2023-10-26-09** **Date: 11-05-23**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore - 560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-05-23
Sample Type	:	Plaster Sand
Reference to BIS codes	:	IS: 383 : 2016 (Specification for Coarse and fine Aggregates) IS1542:1992 (RA 2019) (Sand for Plaster - Specification) IS: 2386 :1963(Part - 1, 3) RA2021 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	06-05-23
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 1542:1992
1	10 mm	0	0	0	100	100
2	4.75 mm	35	35	3.5	96.5	95-100
3	2.36 mm	15	50	5	95	95-100
4	1.18 mm	50	100	10	90	90-100
5	600 micron	100	200	20	80	80-100
6	300 micron	215	415	41.5	58.5	20-65
7	150 micron	500	915	91.5	8.5	0-15
8	Pan	85	1000	100	0	---

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TEST REPORT OF FINE AGGREGATE

Lab ID : **CP-2023-10-26-09** **Date: 11-05-23**

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.8	_
2	Specific Gravity	2.56	_
3	Material finer than 75 micron(%)	8.5	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2023-10-26-09**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-05-23
Customer ID	:	Cement Concrete Flooring
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	18/05/2023

Date: 18/05/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Flooring	M15	11/05/2023	18/05/2023	150.88 X 150.27 X 150.51	22673	8.201	228.9	10.1	10.2
2	Cement Concrete Flooring	M15	11/05/2023	18/05/2023	150.28 X 150.77 X 150.56	22658	8.215	235 5	10.4	
3	Cement Concrete Flooring	M15	11/05/2023	18/05/2023	150.29 X 150.54 X 150.65	22625	8.508	227 7	10.1	

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-05-23
Customer ID	:	Cement Concrete Flooring
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	08/06/2023

Date: 08/06/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Flooring	M15	11/05/2023	08/06/2023	150.80 X 150.48 X 150.87	22693	8.401	386.6	17.0	17.1
2	Cement Concrete Flooring	M15	11/05/2023	08/06/2023	150.75 X 150.31 X 150.41	22659	8.792	388.2	17.1	
3	Cement Concrete Flooring	M15	11/05/2023	08/06/2023	150.36 X 150.55 X 150.97	22636	8.713	390.9	17.3	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/05/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-05-23
Customer ID	:	FF Column Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	18/05/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Column Concrete	M25	11/05/2023	18/05/2023	150.50 X 150.93 X 150.69	22716	8.986	418.5	18.4	18.3
2	FF Column Concrete	M25	11/05/2023	18/05/2023	150.43 X 150.64 X 150.80	22660	8.506	416.9	18.4	
3	FF Column Concrete	M25	11/05/2023	18/05/2023	150.67 X 150.75 X 150.63	22714	8.850	413.4	18.2	

* The results obtained are satisfactory as per standard requirements.

Note:
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2023-10-26-09	**Date: 08/06/2023**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.	
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.	
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division	
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064	
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	13-05-23	
Customer ID	:	FF Column Concrete	
Sample Type /Size	:	150X150X150 mm	
Sample grade/Age	:	M25 / 28 Days Compressive Strength	
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5	
Date of test	:	08/06/2023	

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Column Concrete	M25	11/05/2023	08/06/2023	150.64 X 150.51 X 150.26	22672	8.266	637.9	28.1	28.5
2	FF Column Concrete	M25	11/05/2023	08/06/2023	150.94 X 150.22 X 150.58	22676	8.522	653.1	28.8	
3	FF Column Concrete	M25	11/05/2023	08/06/2023	150.56 X 150.08 X 150.65	22596	8.743	646.2	28.6	

• The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 23/05/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-05-23
Customer ID	:	PCC
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M10 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	23/05/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M10	16/05/2023	23/05/2023	150.07 X 150.24 X 150.09	22547	8.661	174.7	7.7	7.4
2	PCC	M10	16/05/2023	23/05/2023	150.14 X 150.38 X 150.49	22579	8.891	162.8	7.2	
3	PCC	M10	16/05/2023	23/05/2023	150.17 X 150.21 X 150.74	22557	8.197	161.4	7.2	

* The results obtained are satisfactory as per standard requirements.

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2023-10-26-09

Date: 13/06/2023

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division

Agency : SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064

Customer's Reference : BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 18-05-23

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M10 / 28 Days Compressive Strength

Reference to BIS codes : IS. 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 13/06/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	PCC	M10	16/05/2023	13/06/2023	150.03 X 150.10 X 150.62	22520	8.188	277.7	12.3	12.2
2	PCC	M10	16/05/2023	13/06/2023	150.58 X 150.84 X 150.14	22713	8.149	282.7	12.4	
3	PCC	M10	16/05/2023	13/06/2023	150.34 X 150.44 X 150.21	22617	8.456	268.1	11.9	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2023-10-26-09 **Date: 29/05/2023**

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division

Agency : SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064

Customer's Reference : BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 24-05-23

Customer ID : Basement Copping Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 29/05/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Basement Copping Concrete	M15	22/05/2023	29/05/2023	150.00 X 150.38 X 150.74	22557	8.709	240.0	10.6	10.5
2	Basement Copping Concrete	M15	22/05/2023	29/05/2023	150.44 X 150.81 X 150.16	22688	8.993	235.1	10.4	
3	Basement Copping Concrete	M15	22/05/2023	29/05/2023	150.11 X 150.49 X 150.28	22590	8.696	237.5	10.5	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2023-10-26-09 **Date: 19/06/2023**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	24-05-23
Customer ID	:	Basement Copping Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M15 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	19/06/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Basement Copping Concrete	M15	22/05/2023	19/06/2023	150.45 X 150.12 X 150.12	22586	8.880	392.8	17.4	17.7
2	Basement Copping Concrete	M15	22/05/2023	19/06/2023	150.22 X 150.04 X 150.43	22538	8.485	403.5	17.9	
3	Basement Copping Concrete	M15	22/05/2023	19/06/2023	150.61 X 150.12 X 150.02	22611	8.353	403.0	17.8	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2023-10-26-09	**Date: 03/06/2023**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.	
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.	
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division	
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064	
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	29-05-23	
Customer ID	:	FF Lintel Concrete	
Sample Type /Size	:	150X150X150 mm	
Sample grade/Age	:	M25 / 7 Days Compressive Strength	
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5	
Date of test	:	03/06/2023	

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Lintel Concrete	M25	27/05/2023	03/06/2023	150.45 X 150.29 X 150.07	22611	8.521	399.7	17.7	18.1
2	FF Lintel Concrete	M25	27/05/2023	03/06/2023	150.82 X 150.61 X 150.72	22715	8.555	413.6	18.2	
3	FF Lintel Concrete	M25	27/05/2023	03/06/2023	150.99 X 150.01 X 150.89	22650	8.715	417.9	18.4	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 24/06/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	29-05-23
Customer ID	:	FF Lintel Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	24/06/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Lintel Concrete	M25	27/05/2023	24/06/2023	150.74 X 150.30 X 150.74	22655	8.105	654.8	28.9	28.6
2	FF Lintel Concrete	M25	27/05/2023	24/06/2023	150.86 X 150.81 X 150.79	22751	8.887	643.0	28.3	
3	FF Lintel Concrete	M25	27/05/2023	24/06/2023	150.03 X 150.43 X 150.89	22570	8.933	647.0	28.7	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 03/06/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	29-05-23
Customer ID	:	FF Chejja Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	03/06/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Chejja Concrete	M25	27/05/2023	03/06/2023	150.53 X 150.80 X 150.93	22700	8.185	404.3	17.8	18.0
2	FF Chejja Concrete	M25	27/05/2023	03/06/2023	150.29 X 150.60 X 150.41	22634	8.762	409.4	18.1	
3	FF Chejja Concrete	M25	27/05/2023	03/06/2023	150.70 X 150.19 X 150.77	22634	8.594	411.4	18.2	

* The results obtained are satisfactory as per standard requirements.

Note:

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R RUDRAPRASAD
Authorized Signatory
Technical Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2023-10-26-09 **Date: 24/06/2023**

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division

Agency : SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064

Customer's Reference : BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 29-05-23

Customer ID : FF Chejja Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 24/06/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Chejja Concrete	M25	27/05/2023	24/06/2023	150.63 X 150.15 X 150.27	22617	8.115	654.2	28.9	28.5
2	FF Chejja Concrete	M25	27/05/2023	24/06/2023	150.83 X 150.77 X 150.91	22741	8.911	637.5	28.0	
3	FF Chejja Concrete	M25	27/05/2023	24/06/2023	150.25 X 150.37 X 150.22	22592	8.284	642.8	28.5	

* The results obtained are satisfactory as per standard requirements

Note:

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R RUDRAPRASAD
Authorized Signatory
Technical Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 19/06/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	14-06-23
Customer ID	:	FF Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	19/06/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Slab Concrete	M25	12/06/2023	19/06/2023	150.39 X 150.94 X 150.89	22700	8.712	411.4	18.1	17.9
2	FF Slab Concrete	M25	12/06/2023	19/06/2023	150.78 X 150.49 X 150.30	22690	8.325	408.7	18.0	
3	FF Slab Concrete	M25	12/06/2023	19/06/2023	150.88 X 150.65 X 150.76	22730	8.774	402.1	17.7	

* The results obtained are satisfactory as per standard requirements.

Note:

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Technical Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 10/07/2023

Lab ID	:	CP-2023-10-26-09
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK D/EPMT-12/W O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	14-06-23
Customer ID	:	FF Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	10/07/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Slab Concrete	M25	12/06/2023	10/07/2023	150.45 X 150.61 X 150.40	22659	8.136	641.1	28.3	28.4
2	FF Slab Concrete	M25	12/06/2023	10/07/2023	150.45 X 150.00 X 151.00	22568	8.995	645.8	28.6	
3	FF Slab Concrete	M25	12/06/2023	10/07/2023	150.68 X 150.07 X 150.19	22613	8.770	639.1	28.3	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2023-10-26-09** **Date: 19/06/2023**
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	14-06-23
Customer ID	:	FF Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5
Date of test	:	19/06/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Slab Concrete	M25	12/06/2023	19/06/2023	150.44 X 150.28 X 150.20	22607	8.708	414.7	18.3	18.2
2	FF Slab Concrete	M25	12/06/2023	19/06/2023	150.11 X 150.37 X 150.29	22572	8.517	410.4	18.2	
3	FF Slab Concrete	M25	12/06/2023	19/06/2023	150.49 X 150.92 X 150.99	22712	8.237	411.1	18.1	

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Technical Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2023-10-26-09

Date: 10/07/2023

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division

Agency : SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064

Customer's Reference : BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 14-06-23

Customer ID : FF Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 (RA 2018) Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/07/2023

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Slab Concrete	M25	12/06/2023	10/07/2023	150.40 X 150.67 X 150.81	22660	8.818	636.5	28.1	28.5
2	FF Slab Concrete	M25	12/06/2023	10/07/2023	150.02 X 150.95 X 150.30	22646	8.867	646.9	28.6	
3	FF Slab Concrete	M25	12/06/2023	10/07/2023	150.50 X 150.39 X 150.91	22633	8.929	649.9	28.7	

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R. Rudraprasad

R RUDRAPRASAD
Authorized Signatory
Technical Manager

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QC ABSTRACT

NAME OF WORK: Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division

SL NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
		Materials				
1	Cement	Fineness by dry sieving	One Test		1	1
		Finess by Air permeablity method	One Test		1	1
		Density	One Test		1	1
		Standard Consistency	One Test		1	1
		Initial Setting time	One Test		1	1
		Final Setting time	One Test		1	1
		Soundness (Le Chatelier's Method)	One Test		1	1
		Compressive Strength	One Test		1	1
2	Coarse aggregate(40 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
3	Coarse aggregate(20 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
		Aggregate crushing Value	One Test		1	1
		Aggregate Impact Value	One Test		1	1
4	Fine aggregate	SIEVE ANALYSIS	One Test		1	1
		Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
5	Steel	Bend test	One Test		1	1
		Tensile Test	One Test		1	1
		Yield Test	One Test		1	1
		ReBend test	One Test		1	1
6	Block(400*200*200)	BLOCK DENSITY	One Test		1	1
		WATER ABSORPTION	One Test		1	1
		DIMENSION ANALYSIS	One Test		1	1
		COMPRESSIVE STRENGTH	One Test		1	1
7	Block(400*150*200)	BLOCK DENSITY	One Test		1	1
		WATER ABSORPTION	One Test		1	1
		DIMENSION ANALYSIS	One Test		1	1
		COMPRESSIVE STRENGTH	One Test		1	1

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8	Block(400*100*200)	BLOCK DENSITY	One Test		1	1
		WATER ABSORPTION	One Test		1	1
		DIMENSION ANALYSIS	One Test		1	1
		COMPRESSIVE STRENGTH	One Test		1	1
9	PCC(M10)	Compressive Strength(7days and 28days)	1 set /1-5 cum	4.11	2	2
10	PCC(M15)	Compressive Strength(7days and 28days)	2 sets /6-15 cum	7.1	4	4
11	RCC(M25)	Compressive Strength(7days and 28days)	4 sets /31-50 cum	33.9	8	8
12	RCC(M25)	Compressive Strength(7days and 28days)	1 set /1-5 cum	2.11	2	2
13	RCC(M25)	Compressive Strength(7days and 28days)	1 set /1-5 cum	0.93	2	2
14	RCC(M25)	Compressive Strength(7days and 28days)	1 set /1-5 cum	0.44	2	2
15	RCC(M25)	Compressive Strength(7days and 28days)	2 sets /6-15 cum	7.67	4	4
16	RCC(M25)	Compressive Strength(7days and 28days)	1 set /1-5 cum	2.11	2	2
17	RCC(M25)	Compressive Strength(7days and 28days)	1 set /1-5 cum	1.06	2	2
18	RCC(M25)	Compressive Strength(7days and 28days)	1 set /1-5 cum	2.18	2	2
19	RCC(M25)	Compressive Strength(7days and 28days)	2 sets /6-15 cum	7.67	4	4
20	CERAMIC TILES	MEASUREMENTS OF LENGTH, WIDTH AND THICKNESS	One Test		1	1
		MODULUS OF RUPTURE AND BREAKING STRENGTH	One Test		1	1
21	Mortar Sand	Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
		Compacted Bulk Density	One Test		1	1
		Loose Bulk Density	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1
22	Plaster Sand	Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1

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Format No: CP/TF/01

TEST RESULTS OF STEEL

Lab ID	:	CP-2023-10-26-09 Date: 21-02-23
Customer	:	Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Samudaya Bhavana near Veeranjaneya Temple in Someshwara ward no-03 of Yelahanka Satellite town sub division
Agency	:	SRI. KISHORE KUMAR M(V K INFRASTRUCTURE), No 520, 1st Main Road Chikkabommasandra, GKVK Post, Yelahanka New Town , Bangalore -560064
Customer's Reference	:	BBMP/EE/YNK.D/EPMT-12/W.O/122/2022-23
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-02-23
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2019.
Date of test	:	20-02-23

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe550	8	0.391	578	665	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe550	10	0.616	583	679	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe550	16	1.581	596	691	19.0%	Satisfactory	Satisfactory
4	Sunvik	Fe550	20	2.476	605	704	19.0%	Satisfactory	Satisfactory
5	Sunvik	Fe550	25	3.472	618	716	18.0%	Satisfactory	Satisfactory

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Note:

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Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.

R RUDRAPRASAD
Authorized Signatory
Technical Manager

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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End of Report